

Claims

- [c1] A bridging web for linking a first and second wall panel, the first and second wall panels extending parallel to one another, the bridging web comprising: a first and second end member, each of said end members extending between a first edge mountable within the wall panels and a second edge, said second edge having a first hinge element, said first end member being mountable within said first wall panel and said second end member being mountable within said second wall panel; and a central section extending between a pair of second hinge elements, said central section being mountable between said first hinge element of said first end member and said first hinge element of said second end member; wherein one of said first and second hinge elements is a pin and the other of said first and second hinge elements includes at least one first knuckle and at least one second knuckle, said pin defining a vertical hinge axis, said first knuckle being vertically displaced from said second knuckle, said first and second knuckles being adapted to bear on opposing surfaces of said pin.
- [c2] A bridging web as claimed in claim 1, further comprising a stop member, said stop member being adapted to maintain said first hinge element at a fixed vertical position with respect to said second hinge element.
- [c3] A bridging web as claimed in claim 1, wherein said first hinge element is a pin.
- [c4] A bridging web as claimed in claim 1, wherein said second hinge element is a pin.
- [c5] A bridging web as claimed in claim 1, wherein the other of said first and second hinge elements includes a plurality of first and second knuckles, each of said first knuckles being vertically displaced from each of said second knuckles.
- [c6] A bridging web as claimed in claim 5, wherein said first knuckles and said second knuckles are positioned in a vertically alternating pattern.
- [c7] A bridging web as claimed in claim 4, wherein said second edge of said end members is a connecting plate, said first and second knuckles being affixed to said connecting plate.

- [c8] A bridging web as claimed in claim 7, wherein said connecting plate has an upper end, a lower end, a first connector mounted to said upper end and a second connector mounted to said lower end, said first connector being adapted to connect to said second connector of an adjoining end member.
- [c9] A building component comprising:
First and second panels, each of said panels having an inner surface and an outer surface, said panels arranged in a spaced parallel relationship with said inner surfaces facing each other, and
a plurality of bridging webs extending between said panels, tying said first panel to said second panel, each bridging web comprising:
a first and second end member, each of said end members extending between a first edge mounted within said panel and a second edge proximate to said inner surface, said second edge having a first hinge element, said first end member being mounted within said first panel and said second end member being mounted within said second wall panel;
and
a central section extending between a pair of second hinge elements, one of said second hinge elements being mounted to said first hinge element of said first end member, the other of said second hinge elements being mounted to said first hinge element of said second end member;
wherein one of said first and second hinge elements is a pin and the other of said first and second hinge elements includes at least one first knuckle and at least one second knuckle, said pin defining a vertical hinge axis, said first knuckle being vertically displaced from said second knuckle, said first and second knuckles being adapted to bear on opposing surfaces of said pin.
- [c10] A building component as claimed in claim 9, wherein each bridging web further comprises a stop member, said stop member being adapted to maintain said first hinge element at a fixed vertical position with respect to said second hinge element.
- [c11] A building component as claimed in claim 9, wherein said first hinge element is a pin.

- [c12] A building component as claimed in claim 9, wherein said second hinge element is a pin.
- [c13] A building component as claimed in claim 9, wherein the other of said first and second hinge elements includes a plurality of first and second knuckles, each of said first knuckles being vertically displaced from each of said second knuckles.
- [c14] A building component as claimed in claim 13, wherein said first knuckles and said second knuckles are positioned in a vertically alternating pattern.
- [c15] A building component as claimed in claim 12, wherein said second edge of said end members is a connecting plate, said first and second knuckles being affixed to said connecting plate.
- [c16] A building component as claimed in claim 15, wherein said connecting plate has an upper end, a lower end, a first connector mounted to said upper end and a second connector mounted to said lower end, said first connector being adapted to connect to said second connector of an adjoining end member.